## <u>AMENDMENTS</u>

## In the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

## **Listing of Claims:**

- 1. (currently amended): A liquid crystal display device, comprising:
- a first substrate and a second substrate opposing to each other;
- a liquid crystal layer formed between the first substrate and the second substrate;
- a plurality of scanning bus lines and a plurality of data bus lines arranged in a matrix form to define a plurality of pixel areas on the second substrate;
- a plurality of TFT devices formed in the pixel areas the plurality of pixels, respectively; and

a first pixel electrode and a second pixel electrode formed in the pixel areas respectively; a plurality of pixel electrode layers formed in the plurality of pixels, respectively;

wherein one of the data bus lines is disposed between the first pixel electrode and the second pixel electrode, and wherein, in each pixel area, the pixel electrode layer is formed between a first data bus line and a second data bus line; and

wherein, in each pixel area, a first space between the first data bus line and a periphery of the first pixel electrode is a liquid crystal reverse region, and a second space between the second data bus line and a periphery of the second pixel electrode

is a liquid crystal non-reverse region, and the first space is larger than the second space.

2. (currently amended): The liquid crystal display device as claimed in claim 1, further comprising:

an alignment film <u>having</u> of a rubbing direction <u>in the pixel areas respectively; in</u> the plurality of pixels, respectively;

wherein an included angle between the rubbing direction and the data bus line is 40~50 degrees.

- 3. (currently amended): The liquid crystal display as claimed in claim  $\underline{1}$  2, wherein the first space is  $4\sim5\mu m$  and the second space is  $2\sim3\mu m$ .
- 4. (currently amended): The liquid crystal display device as claimed in claim 1, further comprising:

an opaque layer overlapping the data bus line, the first data bus line, the second data bus line, the first space and the second space; and

<u>a first light-shielding layer formed adjacent to the first pixel electrode, and a</u> <u>second light-shielding layer formed adjacent to the second pixel electrode;</u>

a plurality of light-shielding layers formed in the plurality of pixel areas, respectively;

wherein, in each pixel area, a first light-shielding layer is formed between the first data bus line and the periphery of the pixel electrode layer; and

wherein, in each pixel area, a second light-shielding layer is formed between the second data bus line and the periphery of the pixel electrode layer; and

wherein a first overlapping width is defined <u>by</u> between the opaque layer and the first light-shielding layer, and a second overlapping width is defined <u>by</u> between the opaque layer and the second light-shielding layer.

- 5. (original): The liquid crystal display as claimed in claim 4, wherein the first overlapping width is equal to the second overlapping width.
- 6. (original): The liquid crystal display as claimed in claim 4, wherein the first overlapping width is different from the second overlapping width.
- 7. (currently amended): The liquid crystal display device as claimed in claim 6, further comprising: wherein the first overlapping width is larger than the second overlapping width.

an alignment film of a rubbing direction formed in the plurality of pixels, respectively;

wherein, when an included angle between the rubbing direction and the data bus line is 40~50 degrees, the first space between the first data bus line and the periphery of the pixel electrode layer is a liquid crystal reverse region, and the second space between the second data bus line and the periphery of the pixel electrode is a liquid crystal non-reverse region; and

wherein, the first overlapping width adjacent to the liquid crystal reverse region is larger than the second overlapping width adjacent to the liquid crystal non-reverse region.

- 8. (original): The liquid crystal display as claimed in claim 7, wherein the first overlapping width is  $6.5\sim7.5\mu m$  and the second overlapping width is  $4.5\sim5.5\mu m$ .
- 9. (currently amended): The liquid crystal display device as claimed in claim 4, wherein the second substrate further comprises:

a gate insulating layer formed overlying the second substrate and covering the scanning bus lines and the light-shielding layers, in which the data bus lines formed overlying the gate insulating layer; and

a passivation layer formed overlying the gate insulating layer and covering the data bus lines, in which the first electrode and the second pixel electrode formed overlying the passivation layer.

- 10. (currently amended): The liquid crystal display as claimed in claim 1, wherein the first substrate further comprises a color filter layer and a common electrode layer.
  - 11. (currently amended): A liquid crystal display device, comprising:
  - a first substrate and a second substrate opposing to each other;
  - a liquid crystal layer formed between the first substrate and the second substrate;

a plurality of scanning bus lines and a plurality of data bus lines arranged in a matrix form to define a plurality of pixel areas on the second substrate;

a plurality of TFT devices formed in the pixel areas the plurality of pixels, respectively;

<u>a first pixel electrode and a second pixel electrode formed in the pixel areas</u>

<u>respectively; and a plurality of pixel electrode layers formed in the plurality of pixels, respectively;</u>

a plurality of light-shielding layers formed in the plurality of pixel areas overlying the second substrate, respectively; and

an opaque layer formed overlying the first substrate;

wherein one of the data bus lines is disposed between the first pixel electrode and the second pixel electrode; and wherein, in each pixel area, the pixel electrode layer is formed between a first data bus line and a second data bus line, in which a first space distance is kept between the first data bus line and the periphery of the first pixel electrode, and a second space is kept between the second data bus line and the periphery of the second pixel electrode;

wherein a first light-shielding layer is formed adjacent to the first pixel electrode and a second light-shielding layer is formed adjacent to the second pixel electrode:

wherein, in each pixel area, a first light-shielding layer is formed between the first data bus line and the periphery of the pixel electrode layer, and a second light-shielding layer is formed between the second data bus line and the periphery of the pixel electrode layer;

wherein the opaque layer overlaps the first data bus line, the second data bus line, the first space and the second space;

wherein, in each pixel area, a first overlapping width <u>defined by between</u> the opaque layer and the first light-shielding layer is different from a second overlapping width <u>defined by between</u> the opaque layer and the second light-shielding layer.

12. (currently amended): The liquid crystal display device as claimed in claim 11, further comprising:

an alignment film <u>having</u> of a rubbing direction formed in <u>the pixel areas</u> the <u>plurality of pixels</u>, respectively;

wherein, when an included angle between the rubbing direction and the data bus line is 40~50 degrees, the first space between the first data bus line and the periphery of the first pixel electrode is a liquid crystal reverse region, and the second space between the second data bus line and the periphery of the second pixel electrode is a liquid crystal non-reverse region; and

wherein the first overlapping width adjacent to the liquid crystal reverse region is larger than the second overlapping width adjacent to the liquid crystal non-reverse region.

13. (currently amended): The liquid crystal display as claimed in claim  $\underline{11}$   $\underline{42}$ , wherein the first overlapping width is 6.5~7.5 $\mu$ m and the second overlapping width is 4.5~5.5 $\mu$ m.

- 14. (original): The liquid crystal display as claimed in claim 11, wherein the first space is equal to the second space.
- 15. (original): The liquid crystal display as claimed in claim 11, wherein the first space is different from the second space.
- 16. (currently amended): The liquid crystal display device as claimed in claim 15, further comprising: wherein the first space is larger than the second space.

an alignment film of a rubbing direction formed in the plurality of pixels, respectively;

wherein, when an included angle between the rubbing direction and the data bus line is 40~50 degrees, the first space between the first data bus line and the periphery of the pixel electrode layer is a liquid crystal reverse region, and the second space between the second data bus line and the periphery of the pixel electrode is a liquid crystal non-reverse region; and

wherein, the first space adjacent to the liquid crystal reverse region is larger than the second space adjacent to the liquid crystal non-reverse region.

17. (currently amended): The liquid crystal display as claimed in claim 16, wherein the first space overlapping width is 4~5μm and the second space overlapping width is 2~3μm.

18. (currently amended): The liquid crystal display device as claimed in claim 11, wherein the second substrate further comprises:

a gate insulating layer formed overlying the second substrate and covering the scanning bus lines and the light-shielding layers, in which the data bus lines are formed overlying the gate insulating layer; and

a passivation layer formed overlying the gate insulating layer and covering the data bus lines, in which the first pixel electrode and the second pixel electrode formed overlying the passivation layer.

- 19. (currently amended): The liquid crystal display as claimed in claim 11, wherein the first substrate further comprises a color filter layer and a common electrode layer.
- 20. (currently amended): A fabrication method for a liquid crystal display device, comprising steps of:

providing a first substrate;

forming a plurality of scanning bus lines and a plurality of light-shielding layers overlying the first substrate;

forming a gate insulating layer overlying the first substrate to cover the scanning bus lines and the light-shielding layers;

forming a plurality of data bus lines overlying the gate insulating layer, wherein in which the data bus lines and the scanning bus lines are arranged in a matrix form to define a plurality of pixel areas;

forming a plurality of TFT devices in the pixel areas the plurality of pixels, respectively; and

forming a first pixel electrode and a second pixel electrode overlying the

passivation layer in the pixel areas respectively; forming a plurality of pixel electrode

layers overlying the passivation layer in the plurality of pixels, respectively

wherein one of the data bus lines is disposed between the first pixel electrode

and the second pixel electrode, and wherein, in each pixel area, the pixel electrode

layer is formed between a first data bus line and a second data bus line; and wherein, in

each pixel area, a first space between the first data bus line and a periphery of the first

pixel electrode is a liquid crystal reverse region, and a second space between the

second data bus line and a periphery of the second pixel electrode is a liquid crystal

non-reverse region; and

wherein the first space is larger than the second space.

21. (currently amended): The fabrication method for a liquid crystal display device as claimed in claim 20, further comprising a step of:

forming an alignment film <u>having</u> of a rubbing direction overlying the first pixel electrode, the second pixel electrode, and the passivation layer;

wherein an included angle between the rubbing direction and the data bus line is 40~50 degrees.

- 22. (currently amended): The fabrication method for a liquid crystal display device as claimed in claim  $\underline{20}$   $\underline{21}$ , wherein the first space is  $4~5\mu m$  and the second space is  $2~3\mu m$ .
- 23. (currently amended): The fabrication method for a liquid crystal display device as claimed in claim 20, further comprising steps:

providing a second substrate opposing to the first substrate; and forming an opaque layer overlying the second substrate, wherein in which the opaque layer overlaps the data bus line the first data bus line, the second data bus line, the first space and the second space;

wherein the first light-shielding layer is formed adjacent to the first pixel electrode;

wherein the second light-shielding layer is formed adjacent to the second pixel electrode; and

wherein, in each pixel area, the first light-shielding layer is formed between the first data bus line and the periphery of the pixel electrode layer;

wherein, in each pixel area, the second light-shielding layer is formed between the second data bus line and the periphery of the pixel electrode layer; and

wherein a first overlapping width is defined <u>by between</u> the opaque layer and the first light-shielding layer, and a second overlapping width is defined <u>by between</u> the opaque layer and the second light-shielding layer.

24. (original): The fabrication method for a liquid crystal display as claimed in claim 23, wherein the first overlapping width is equal to the second overlapping width.

25. (original): The fabrication method for a liquid crystal display as claimed in claim 23, wherein the first overlapping width is different from the second overlapping width.

26. (currently amended): The fabrication method for a liquid crystal display as claimed in claim 25, wherein the first overlapping width is larger than the second overlapping width. further comprising a step of:

forming an alignment film of a rubbing direction overlying the pixel electrode layer and the passivation layer;

wherein, when an included angle between the rubbing direction and the data bus line is 40~50 degrees, the first space between the first data bus line and the periphery of the pixel electrode layer is a liquid crystal reverse region, and the second space between the second data bus line and the periphery of the pixel electrode is a liquid crystal non-reverse region; and

wherein, the first overlapping width adjacent to the liquid crystal reverse region is larger than the second overlapping width adjacent to the liquid crystal non-reverse region.

27. (original): The fabrication method for a liquid crystal display as claimed in claim 26, wherein the first overlapping width is  $6.5 \sim 7.5 \mu m$  and the second overlapping width is  $4.5 \sim 5.5 \mu m$ .

28. (currently amended): The fabrication method for a liquid crystal display as claimed in claim 23, further comprising steps of:

forming a color filter layer overlying the second substrate;

forming a common electrode <del>layer</del> overlying the color filter layer and the opaque layer; and

forming an alignment layer overlying the common electrode layer.

29. (original): The fabrication method for a liquid crystal display as claimed in claim 23, further comprising a step of forming a liquid crystal layer between the first substrate and the second substrate.

30. (currently amended): A fabrication method for a liquid crystal display device, comprising steps of:

providing a first substrate;

forming a plurality of scanning bus lines and a plurality of light-shielding layers overlying the first substrate;

forming a gate insulating layer overlying the first substrate to cover the scanning bus lines and the light-shielding layers;

forming a plurality of data bus lines overlying the gate insulating layer, wherein in which the data bus lines and the scanning bus lines are arranged in a matrix form to define a plurality of pixel areas;

forming a plurality of TFT devices in the pixel areas the plurality of pixels, respectively;

forming a first pixel electrode and a second pixel electrode overlying the

passivation layer in the pixel areas respectively; forming a plurality of pixel electrode

layers overlying the passivation layer in the plurality of pixels, respectively;

providing a second substrate opposing to the first substrate; and forming an opaque layer overlying the second substrate;

wherein one of the data bus line is disposed between the first pixel electrode and the second pixel electrode; and wherein, in each pixel area, the pixel electrode layer is formed between a first data bus line and a second data bus line; and

wherein, in each pixel area, a first space is kept between the first data bus line and the periphery of the first pixel electrode, and a second space is kept between the second data bus line and the periphery of the second pixel electrode; and

wherein a first light-shielding layer is formed adjacent to the first pixel electrode, and a second light-shielding layer is formed adjacent to the second pixel electrode wherein, in each pixel area, a first light-shielding layer is formed between the first data bus line and the periphery of the pixel electrode layer, and a second light-shielding layer is formed between the second data bus line and the periphery of the pixel electrode layer; and

wherein the opaque layer overlaps the data bus line the first data bus line, the second data bus line, the first space and the second space; and

wherein a first overlapping width <u>defined by</u> between the opaque layer and the first light-shielding layer is different from a second overlapping width <u>defined by</u> between the opaque layer and the second light-shielding layer.

31. (currently amended): The fabrication method for a liquid crystal display device as claimed in claim 30, further comprising a step of:

forming an alignment film <u>having of a rubbing direction overlying</u> the first pixel electrode, the second pixel electrode, and the passivation layer;

wherein when an included angle between the rubbing direction and the data bus line is 40~50 degrees, the first space between the first data bus line and the periphery of the first pixel electrode is a liquid crystal reverse region, and the second space between the second data bus line and the periphery of the second pixel electrode is a liquid crystal non-reverse region; and

wherein the first overlapping width adjacent to the liquid crystal reverse region is larger than the second overlapping width adjacent to the liquid crystal non-reverse region.

32. (currently amended): The fabrication method for a liquid crystal display device as claimed in claim 31, wherein the first overlapping width the first space is 6.5~7.5μm and the second overlapping width the second space is 4.5~5.5μm.

- 33. (original): The fabrication method for a liquid crystal display as claimed in claim 30, wherein the first space is equal to the second space.
- 34. (original): The fabrication method for a liquid crystal display as claimed in claim 30, wherein the first space is different from the second space.
- 35. (currently amended): The fabrication method for a liquid crystal display as claimed in claim 34, wherein the first space is larger than the second space. further comprising a step of:

forming an alignment film of a rubbing direction overlying the pixel electrode layer and the passivation layer;

wherein, when an included angle between the rubbing direction and the data bus line is 40~50 degrees, the first space between the first data bus line and the periphery of the pixel electrode layer is a liquid crystal reverse region, and the second space between the second data bus line and the periphery of the pixel electrode is a liquid crystal non-reverse region; and

wherein, the first space adjacent to the liquid crystal reverse region is larger than the second space adjacent to the liquid crystal non-reverse region.

36. (currently amended): The fabrication method for a liquid crystal display as claimed in claim 35, wherein the first space the first overlapping width is 4~5μm and the second space the second overlapping width is 2~3μm.

37. (currently amended): The fabrication method for a liquid crystal display as claimed in claim 30, further comprising steps of:

forming a color filter layer overlying the second substrate;

forming a common electrode <del>layer</del> overlying the color filter layer and the opaque layer; and

forming an alignment layer overlying the common electrode layer.

38. (original): The fabrication method for a liquid crystal display as claimed in claim 30, further comprising a step of forming a liquid crystal layer between the first substrate and the second substrate.